

W9RH

THE MILWAUKEE RADIO AMATEURS CLUB INC.

→ PARTS AND COST LIST FOR THE W.E.R.S. UNIT →

Unit--1-----Oscillator----- \$3.90

Unit--2-----Modulator----- 8.36

Unit--3-----Receiver----- 8.56

Unit--4-----Rec. Power Supply ----- 6.44

Unit--5-----Trans. Power Supply-- 14.76  
\$ 42.02

Unit--6-----Cabinet Antenna,  
Speaker and Misc. ----- 7.50

TOTAL ----- \$ 49.52



# THE MILWAUKEE RADIO AMATEURS CLUB INC.

## Parts and cost list for the W.E.R.S. (Oscillator)

Unit-Nr.-1-

-1-	616 tube	\$1.05
-1-	5" x 5" Chassis pan	.40
-2-	Feed thru insulators (22¢ Each)	.44
-1-	Octal socket---(Steatite)	.24
-1-	Male 6 prong plug---(Sub. could be tube bases)	.15
-1-	Blocking condenser .001 to .00025 - (1000 volt mica)	.20
-1-	Grid resistor---75,000 ohms.---(1-watt)	.12
-3-	Small stand off insulators ---. (10¢ each)	.30
-1-	By pass condenser .001 --- (600 volt rating)	.25
-1-	By pass condenser .00025 --- (600 volt rating)	.15
-1-	R.F. Choke---Home made---(15 to 18 turns on 1/4 inch dowel)	.05
-1-	50 Mfd. variable tuning condenser (NOT AVAILABLE) must be made from collected old BRASS condenser plates (Large size)	.50
-1-	Hookup wire	.05
-2-	Cables to connect receiver and transmitter with power units at (75¢ each)	1.50
-1-	Piece metal for cover 5½" x 5½" --- (10 gage)	Donated
-1-	Piece metal for --- 6" x 2"	"
-1-	Loudspeaker ---Magnetic 6 or 8 inch	\$ .
-1-	Wooden Cabinet and lock (Donated) sold by IRAC for	\$ .
-1-	Whip Auto antenna small about 30" or metal rod	\$ .
-1-	Leadin wire and Antenna --- (1/2" metal rod or conduit (Approx. 4' long)	\$ .

\$3.90

Unit-nr-6-  
Misc.



## Unit - 11 - 2

Q1	6L6 tube		\$1.05
Q1	6C5 tube		.58
Q1	Chassis pan		.15
Q1	Modulation transformer 75 mil. choke impedance 6000 ohms		1.20
Q1	Mike transformer		.90
Q1	8 Mfd. 450 volt condenser		.45
Q1	Jack for mike (Not Available)	Junk box	.24
Q2	Octal sockets mud type (8¢ each)		.16
Q1	.1 Mfd. condenser		.15
Q1	.01 coup. condenser (600 Volt)		.12
Q1	100,000 ohm resistor 1-watt type		.12
Q1	500,000 " " " " "		.12
Q1	50,000 " " " " "		.12
Q1	350 ohm 10-watt variable		.45
Q2	10 Mfd. condensers (25-volt) (24¢ each)		.48
Q1	Male 6-prong plug		.15
Q2	S. P. S. T. switch (36¢ each)		.72
Q2	Terminal mounting strips 6¢ each		.12
Q1	6-prong socket mud		.08
Q1	6/32 screws and nuts	Approx. cost	.15
Q1	Hookup wire		.25
Q1	Single circuit jack (Not available)	Junk Box	.27
Q1	Two circuit jack (Not available)	Junk Box	.27
	Total		\$8.36



# THE MILWAUKEE RADIO AMATEURS CLUB INC.

## Parts and cost list for the W.E.R.S. (Receiver)

Unit #12-3-

1	6V6 or 6F6 tube	\$ .58
2	37 tubes 45¢ Each	.90
1	Chassis pan	.15
1	Output transformer 6000 ohms impedance	1.02
1	Choke audio (Primary of output transformer or small audio	1.02
1	S. P. S. T. switch	.36
1	250,000 - 1 meg. volume control (model C or 13 taper)	.90
3	Mounting strips (6¢ each)	.18
1	Octal socket mud type	.08
1	4-prong socket mud type	.07
2	5-prong sockets mud type (7¢ each)	.14
1	6-prong male plug	.15
1	Antenna binding post	.15
1	Knob for volume control	.06
1	Phone jack (Closed circuit) (NOT AVAILABLE)	.24
2	Grommets	.03
2	.01 condenser 600 volt rating (12¢ each)	.24
1	350 to 500 ohm (1 watt) resistor	.12
1	10 Mfd. 25 volt condenser	.24
2	.002 Mfd. mica condensers (36¢ each)	.72
1	.00005 Mfd. mica condenser	.15
1	10,000 ohm (1/2 watt) resistor	.10
1	1 meg. (1/2 watt) resistor	.10
1	2000 ohm (1/2 watt) resistor	.10
2	3 to 30 trimming condenser (15¢ each)	.30
1	.1 Mfd. condenser (400 volt)	.18
	9 colors of wire	.25
1	Off and On plates	.03
1	4" x 5" metal plate	Donated
1	Mounting strip 2" x 7"	Donated
Total		\$8.56



# THE MILWAUKEE RADIO AMATEURS CLUB INC.

Unit -Mr-4-

## Parts and cost list for the W.E.R.S.

(Power Supply for receiver)

-1-	70-Mill power transformer 250-volts each side and filament of 6.3-volts and 5-volts	\$3.00
-1-	70-Mill choke -15-henrys	1.26
-2-	8 Mfd. condensers 450 volts test (each 45¢)	.90
-1-	70,000 ohm -1-watt bleeder	.12
-1-	.01 by pass condenser 600 volt type	.12
-1-	Socket 4-prong	.07
-1-	6-prong socket	.07
-1-	Mounting strip -4 lugs	.05
-1-	Mounting strip -2 lugs -for AC supply	.03
-1-	Grommet	.02
-1-	Hookup wire	.27
-1-	80 tube	.38
-1-	Chassis pan	.15
Total		\$6.44

## Parts and cost list for the W.E.R.S. (Power Supply for Transmitter)

Unit -Mr-5-

-1-	150-Mill power transformer 450 volts and filament of 6.3 volts	\$5.37
-2-	30 Henry Choke -150 mills	\$2.16 each
-3-	8 Mfd. 600 volt wet filter condensers	Each \$1.08
-1-	5Z3 Rectifier tube	.58
-1-	Socket 4-prong	.07
-1-	.01 Mfd. 600 volt condenser	.12
-1-	75,000 ohm -5 watt resistor	Bleeder .27
-1-	6-prong female socket	.07
-1-	6-prong male socket	.15
-1-	Chassis base	.15
-1-	Grommet	.02
-1-	Hookup wire heavy	.40
Total		\$14.76